FIGURE 1 (Prior Art)

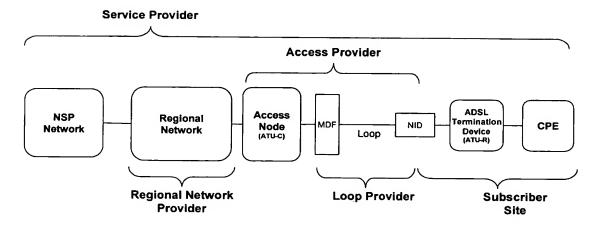


FIGURE 2 (Prior Art)

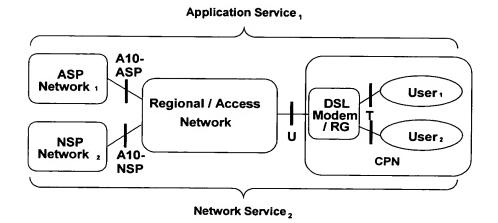


FIGURE 3 (Prior Art)

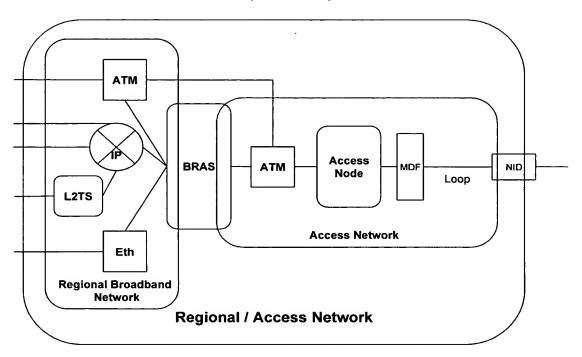
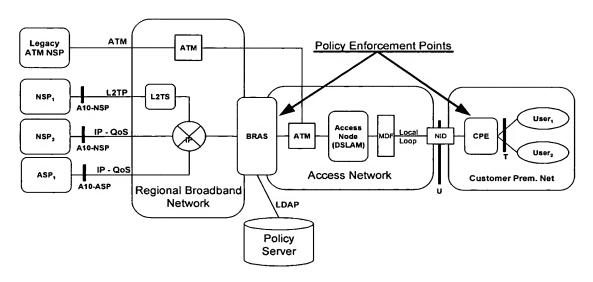


FIGURE 4 (Prior Art)

......



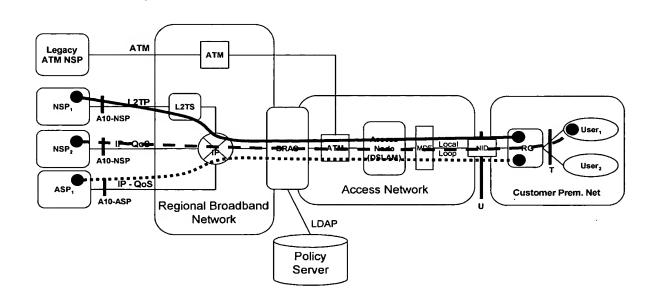


FIGURE 6

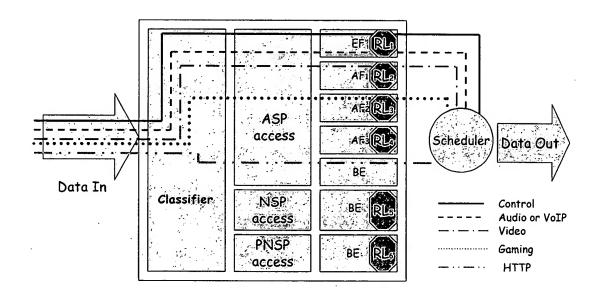
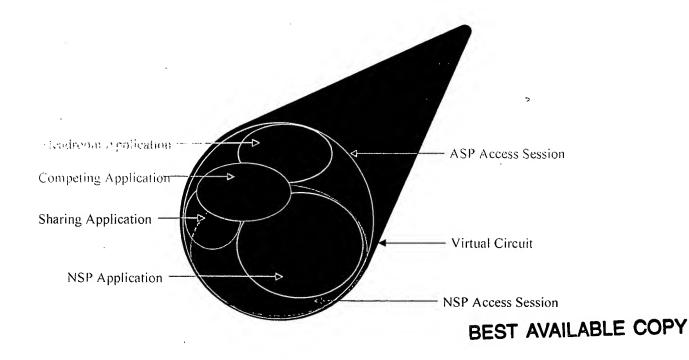
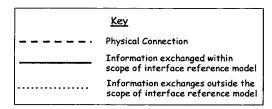
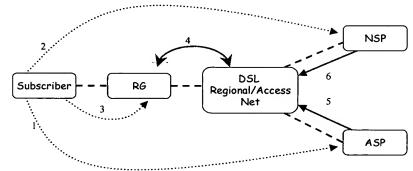


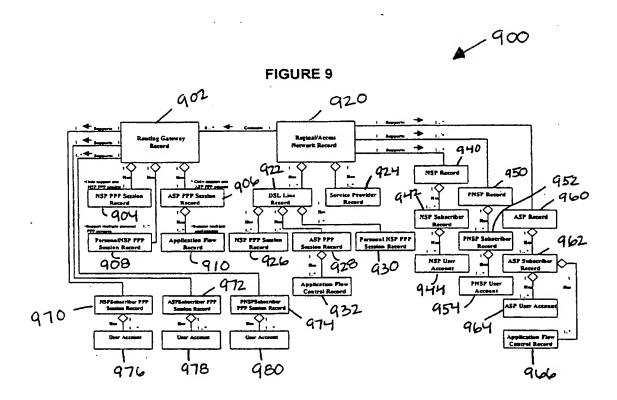
FIGURE 7

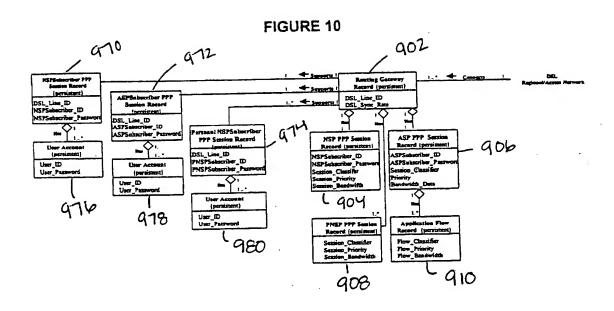






- 1,2: The subscriber exchanges information with the A/NSP when signing up for a service
- 3: The subscriber configures the RG. This may only be for the initial install. The ACS located within the Regional/Access Network may handle all subsequent conf changes
- 4: The RG initiates access sessions that are terminated in the DSL network. The ACS communicates with the RG for configuration updates.
- 5,6: The NSP communicates with the DSL network to establish a DSL connection. The ASP and NSP also communicate bandwidth and QoS changes per session or application.





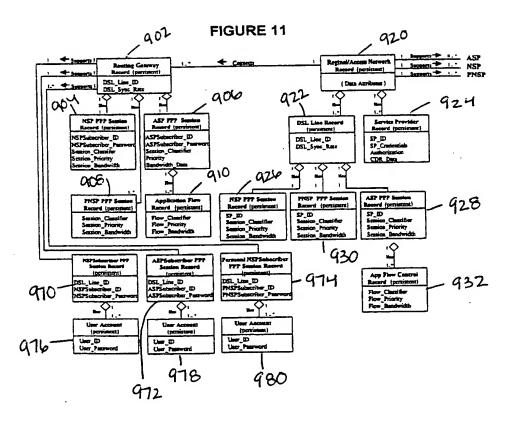


FIGURE 12

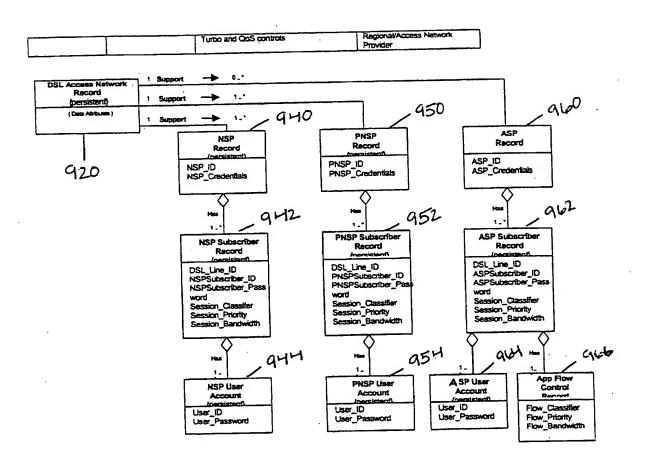


FIGURE 13

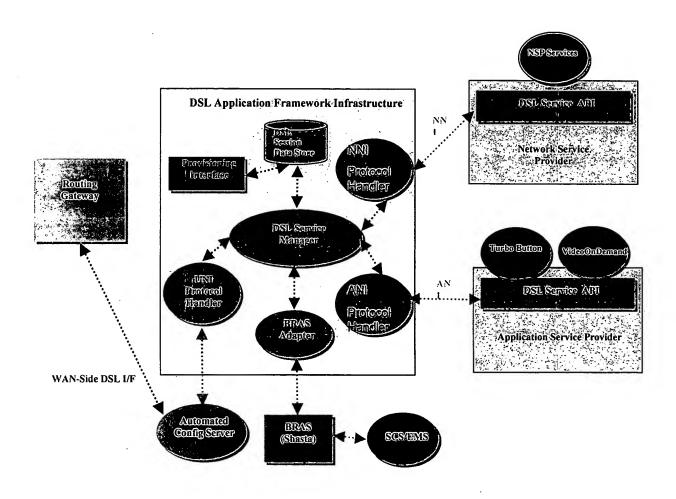


FIGURE 14

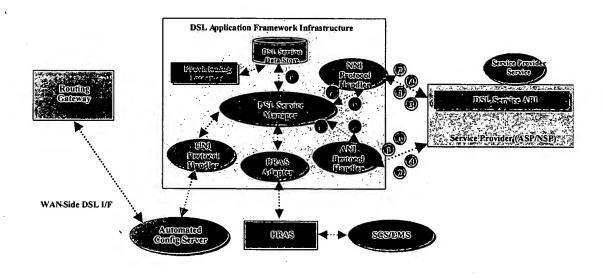
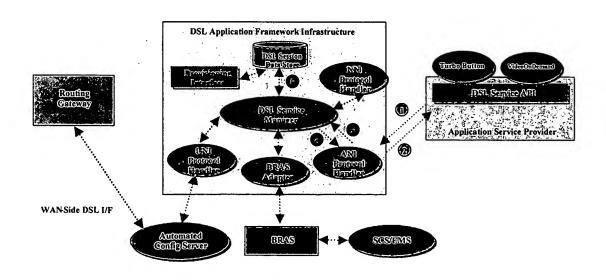
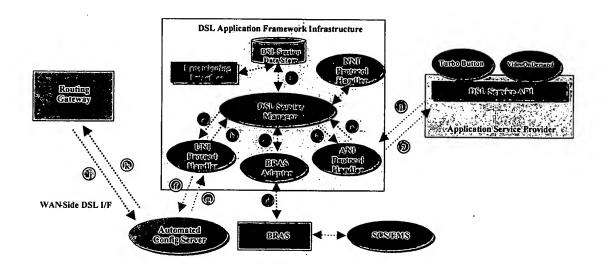


FIGURE 15





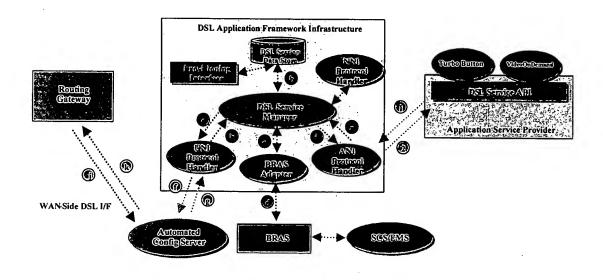
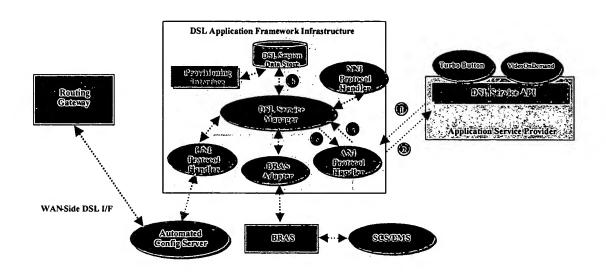
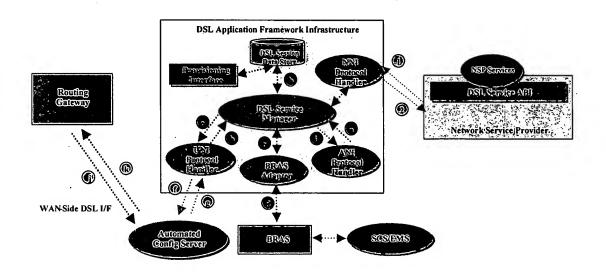
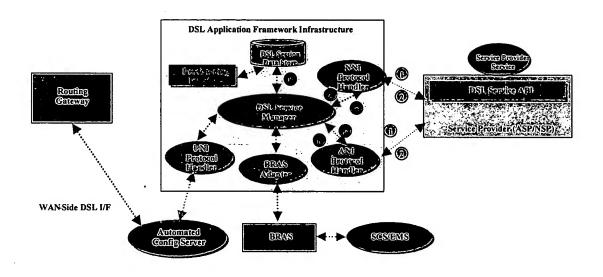
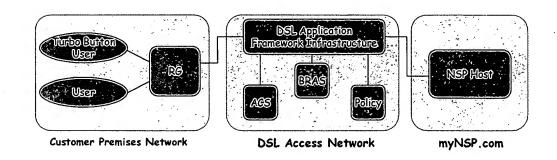


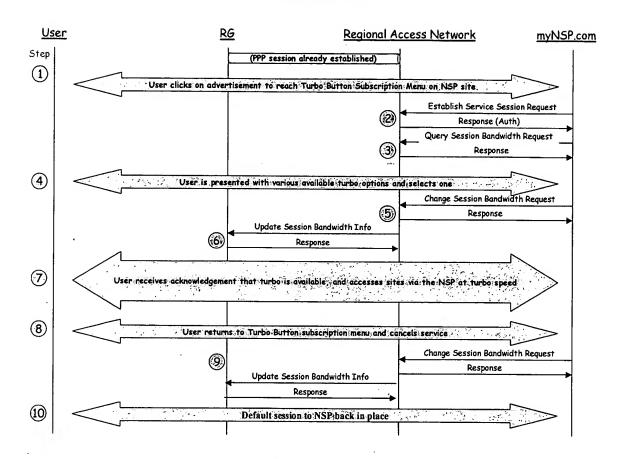
FIGURE 18

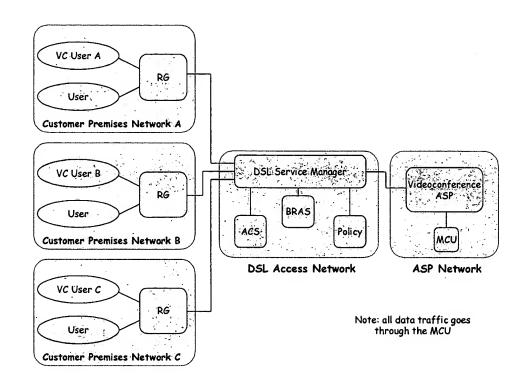


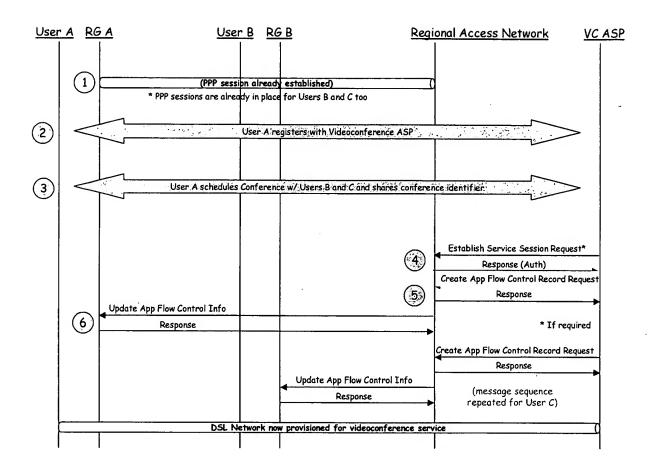












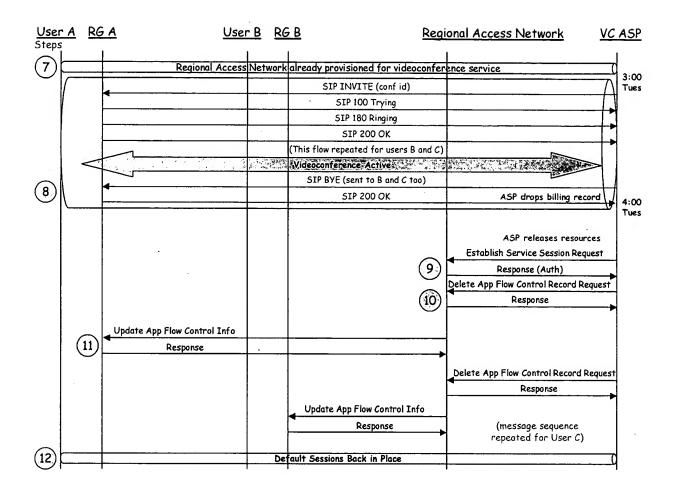
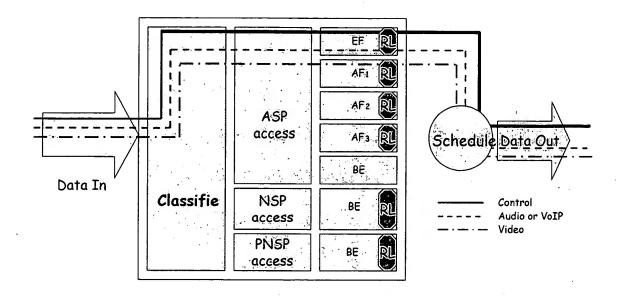
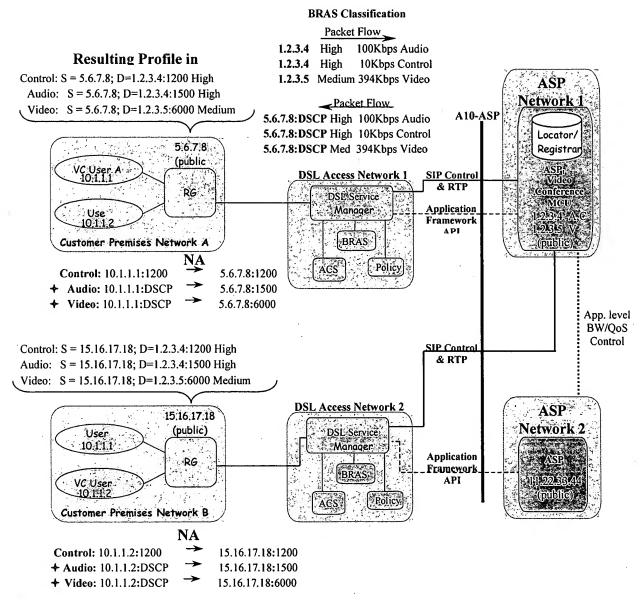


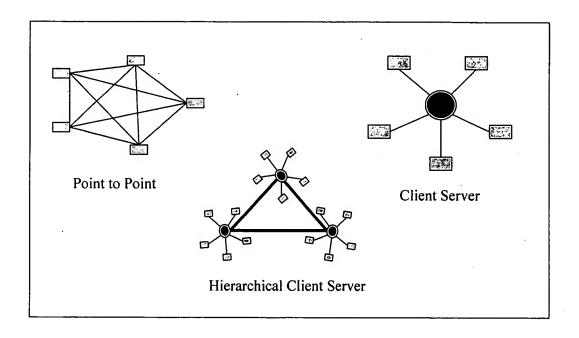
FIGURE 26





† These flows are set up dynamically at the VC client and the DSCP are assigned for the audio and the video streams. The ALG/NAT maps the 10.X.X.X ports to the corresponding IP address and ports for audio and video specified in the ACS profile based on the DSCP set by the VC client. This ensures that the RG, BRAS, and ASP videoconference MCU maintain consistent port information with regard to the various flows.

FIGURE 28



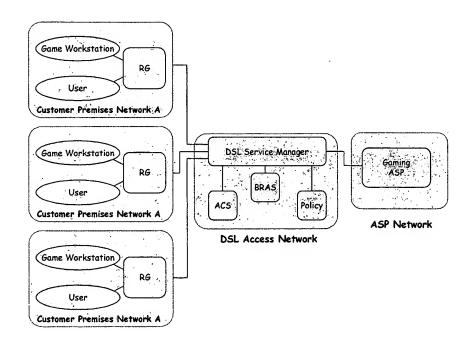
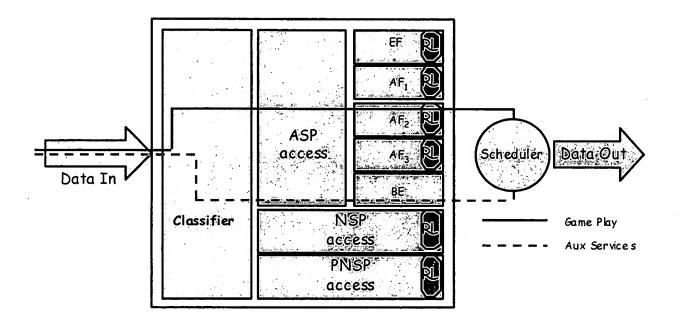
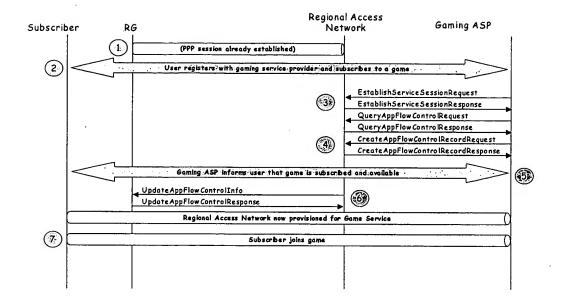
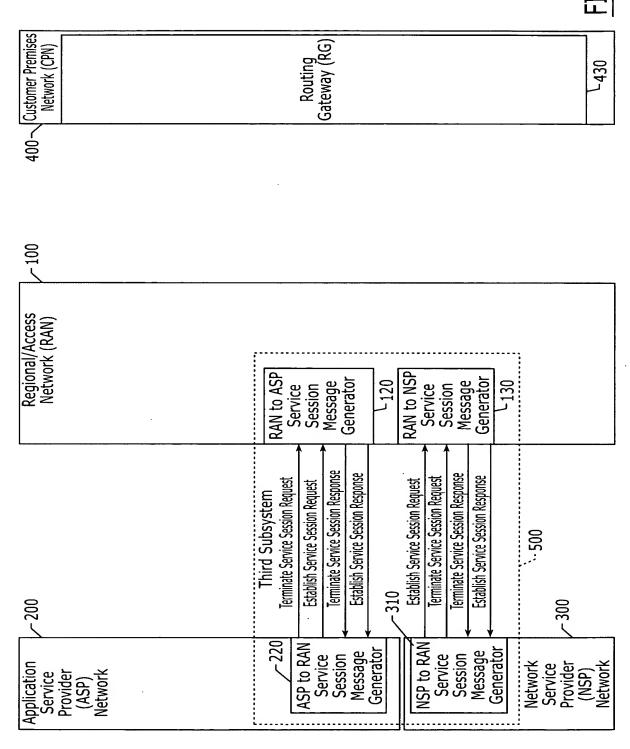


FIGURE 30





						,				7-430											 	FIG. 32A	
400 Customer Premises Network (CPN)		RG to RAN Application Flow Message Generator							1			Routing Gateway (RG)			RG to RAN Access Session			Generator	L420				
~100 400 ×	Update Application Flow Control Info	Update Flow Control Response		i :	Update Application Flow Control Request			Second Subsystem	Undate Caccion RW Info	סטמני סכינים הווים	Update Session BW Response					Update Session BW Request							
Regional/Access Network (RAN)	Z 140			RAN to RG	Application	Message	Generator		RAN to RG	Access	Session	Message Generator	110-7										
	/150			RAN to ASP	Application	Message	Generator		RAN to ASP	Access	Session	Message Generator	7160		RAN to NSP	Section	Message	Generator	L170				
/- 200 		Create Application Flow Control Response	Delete Application Flow Control Response	Query Application Flow Control Response	Create Application Flow Control Request	Delete Application Flow Control Request	Change Application Flow Control Request	Query Application Flow Control Request	First Subsystem	L 210	Query Session BW Request	Query Session BW Response		7310	Change Session BW Request	Query Session BW Request	Change Session BW Response	Query Session BW Response		·- 700	7 300		_
Application Service	Provider (ASP)	Network		ASP to RAN	Application	Message	Generator		7.230	ACD to DAM	ASP TO RAIN	Session	Generator		NSD to DAN	Access	Session	Message	Generator	Network	Provider	(NSP) Network	



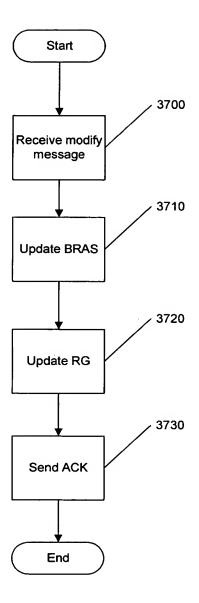


Figure 33